

Decision Support Briefing

Southeast River Forecast Center



Decision Support Briefing

Tropical Depression Fred



Issued: 11:25 AM

Wednesday, August 18,
2021



Weather Ready Nation



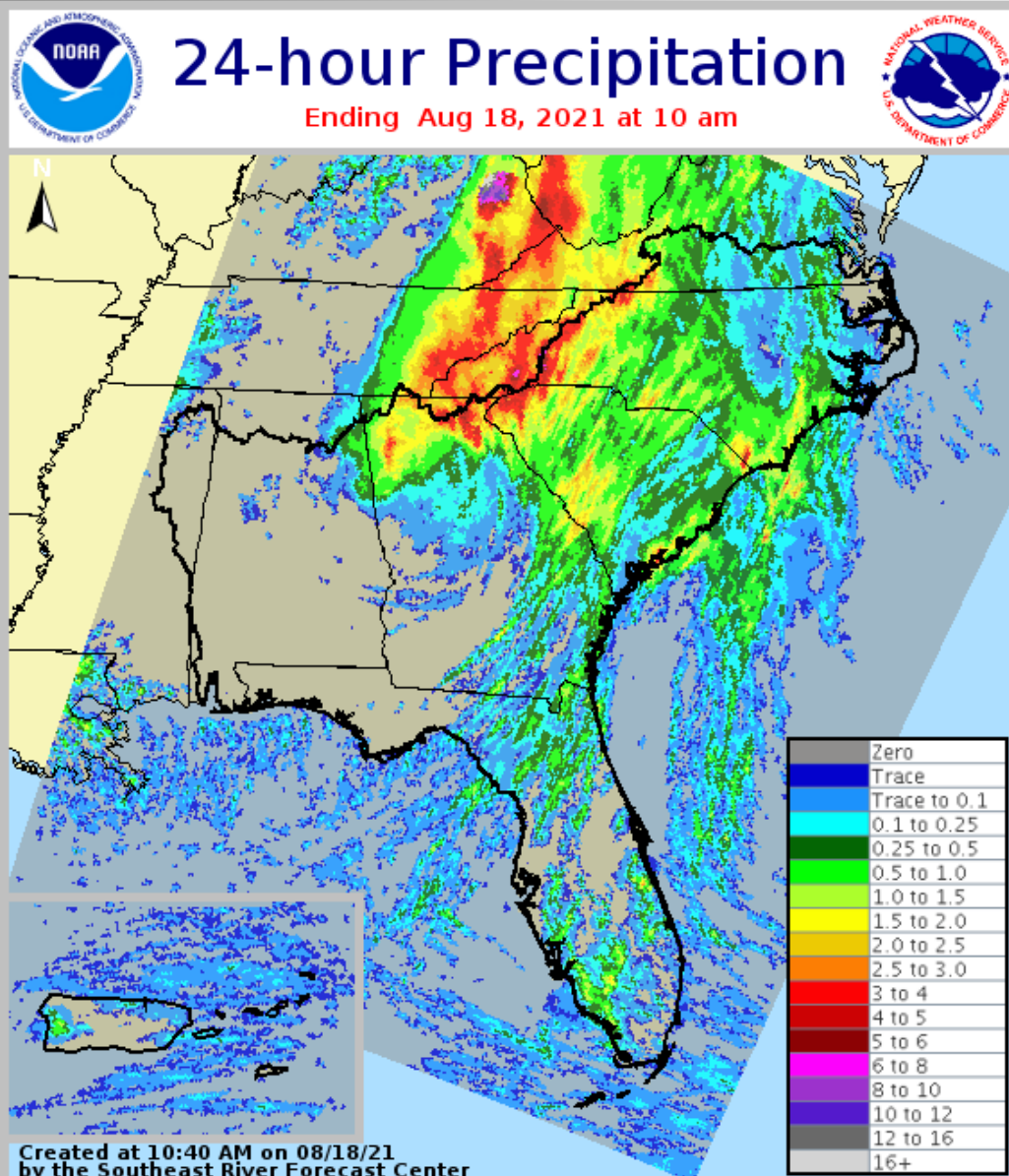
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- **Tropical Depression Fred has moved north into the upper Ohio River Valley and is dissipating into a non-tropical storm system.**
- **Rainfall amounts of 3 to 6 inches have fallen across the Southern Appalachians since Tuesday morning. This rainfall has produced flash flooding on smaller creeks and streams in the mountains, along with high water in many headwater rivers. River flooding has been limited.**
- **Overall, Fred has produced high water in many rivers from the Florida Gulf Coast to the southern Appalachians, with isolated to scattered minor river flooding.**



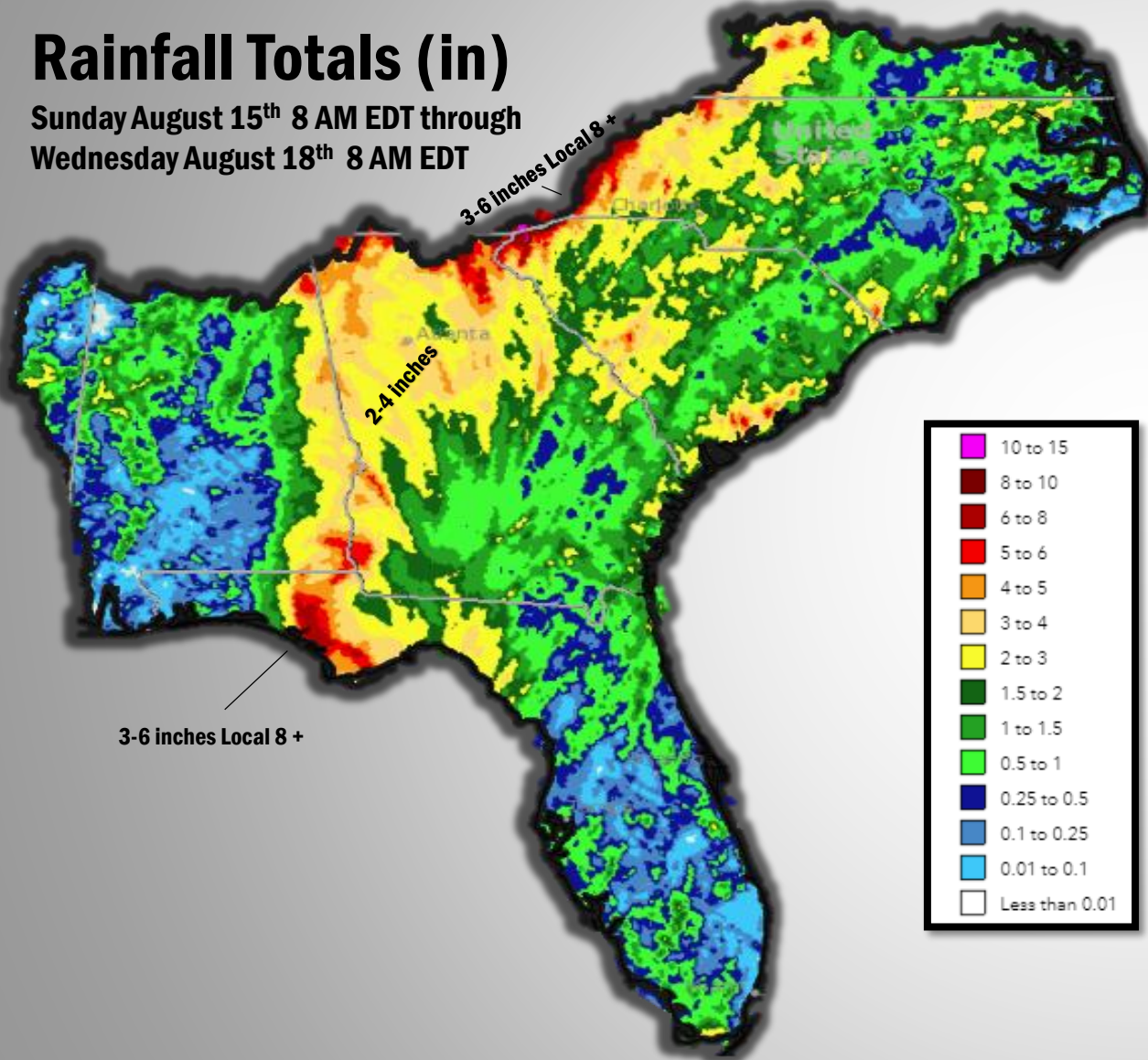
Rainfall totals over the last 24 hours (ending at 7 AM this morning) were around 3 to 6 inches across the southern Appalachians.

1 to 3 inches of rain fell across parts of north Georgia, South Carolina, and western and southern North Carolina.

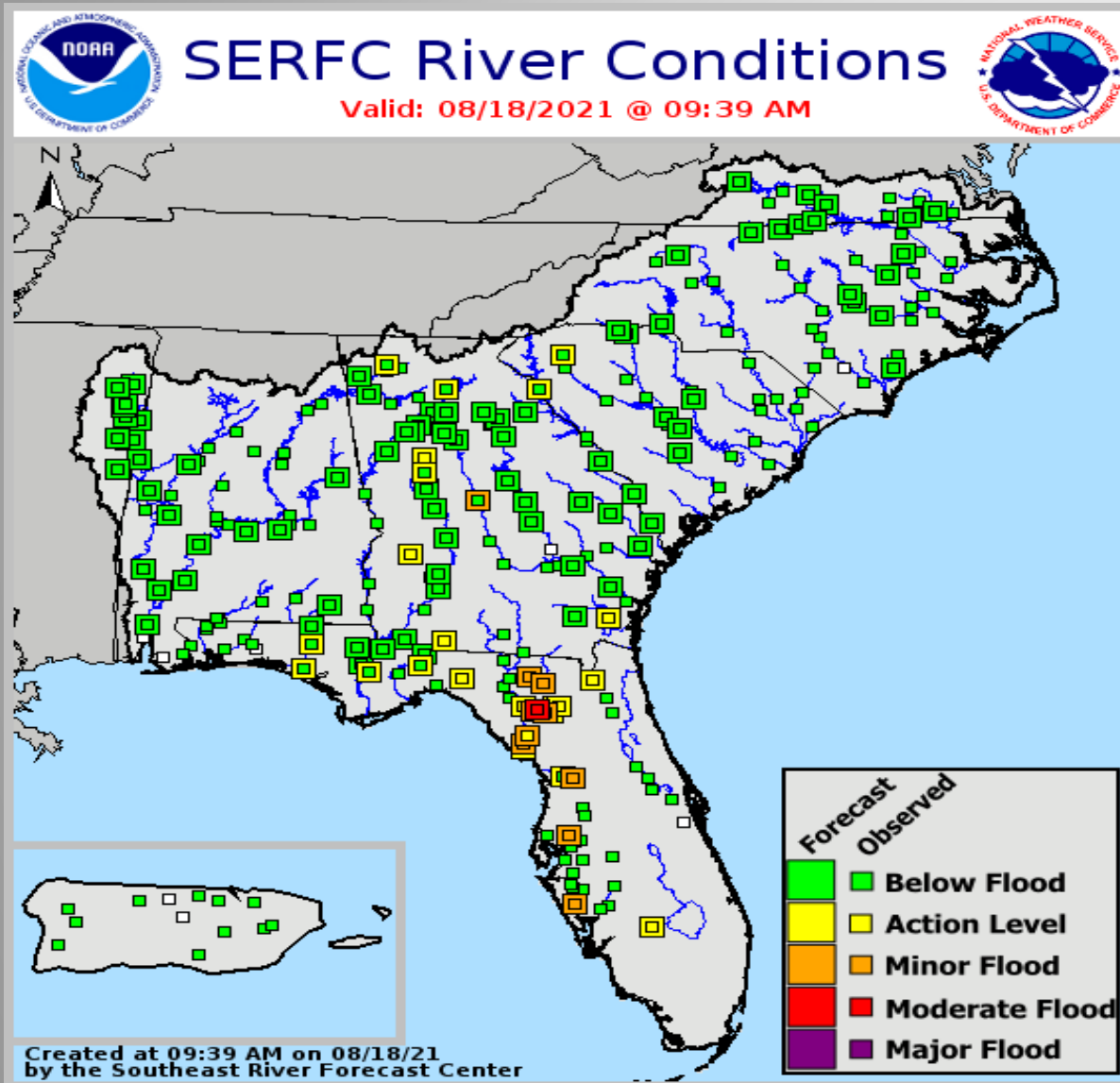


Rainfall Totals (in)

Sunday August 15th 8 AM EDT through
Wednesday August 18th 8 AM EDT



Since Sunday morning, rainfall totals from Fred have ranged from 1 to 6 inches across the Southeast, with locally higher amounts up to 8 inches.



Many rivers from the Florida Panhandle through north Georgia are currently well above normal streamflow, with many rivers close to bank full.

However, flooding impacts remain limited and look to stay this way for this part of the area.

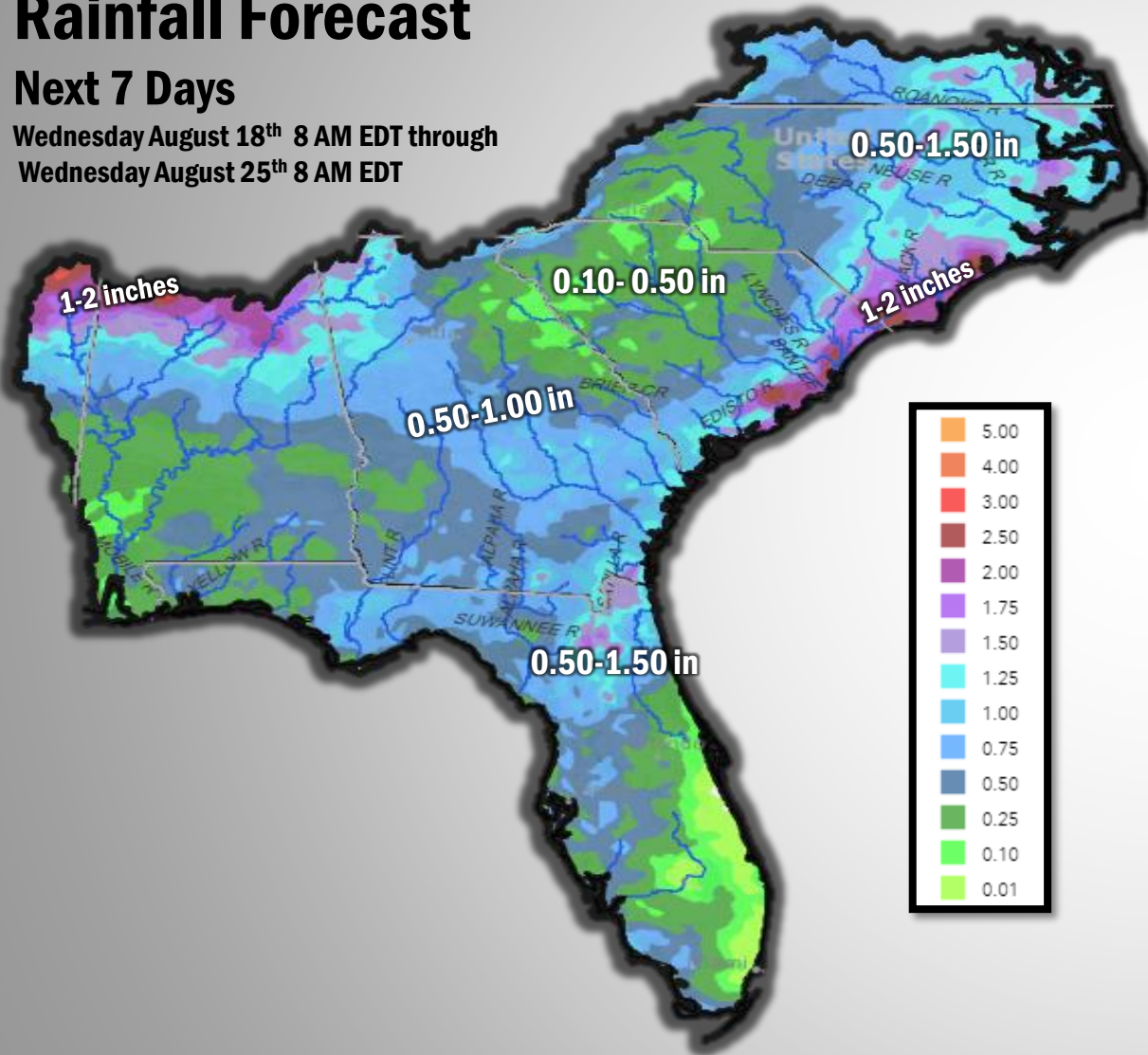
For the Suwanee and Santa Fe rivers in north Florida, minor to moderate flooding continues, though no large changes in river levels are expected over the next several days.



Rainfall Forecast

Next 7 Days

Wednesday August 18th 8 AM EDT through
Wednesday August 25th 8 AM EDT



As rivers crest and fall over the next week, additional rainfall may slow these recessions.

The latest rainfall forecast over the next week has scattered showers and thunderstorms around the region.

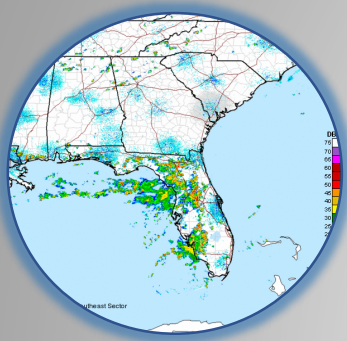
At this time, rainfall totals over the next week are not expected to be significant.



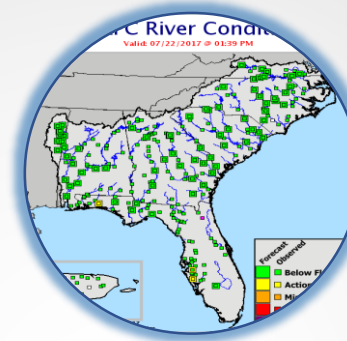
- SERFC will return to normal operating hours (6 AM EDT to 10 PM EDT). Please contact us if you have any questions or concerns.
- This will be the last briefing for this flood event.

Latest River Stages and Forecasts
are available...click here!

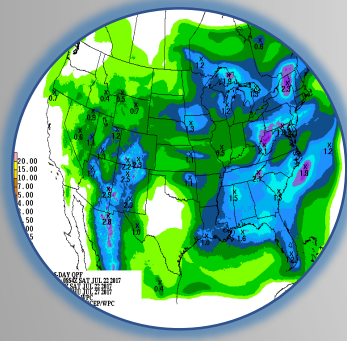
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



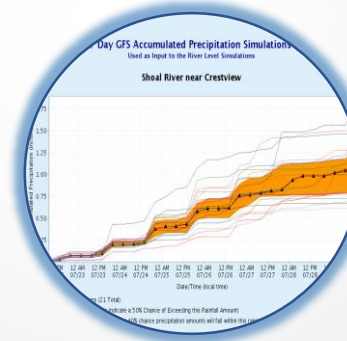
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- *Remember: SERFC briefings cover **freshwater flooding**. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*